

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)*(Only for new nonprovisional applications under 37 CFR 1.53(b))*Docket No.
20010.000500 (WA-395/US)

Total Pages in this Submission

TO THE COMMISSIONER FOR PATENTSMail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

ABSORPTIVE HIGH TEMPERATURE DESORBER HAVING MECHANICALLY NARROW WIDTH OF COMBUSTION AREA AND ABSORPTION CHILLER-HEATER USING THE SAME

and invented by:

Ig Saeng Kim, Kyun Seok Kim, Do Hyung Kim, Chun Dong Kim and Chang Ho Lee

22264 U.S. PTO
10/681717

100803

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 23 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☒ Cross References to Related Applications *(if applicable)*
 - c. ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
 - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings *(if filed)*
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

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Application Elements (Continued)

3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
- a. ☒ Formal Number of Sheets 7
- b. ☐ Informal Number of Sheets _____
4. ☐ Oath or Declaration
- a. ☐ Newly executed (original or copy) ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
- c. ☐ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (usable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☐ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail (Specify Label No.): EU 909150885 US

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Accompanying Application Parts (Continued)

17. ☐ Additional Enclosures *(please identify below):*

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Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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1541 U.S. PTO

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Fee Calculation and Transmittal**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	16	- 20 =	0	x \$18.00	\$0.00
Indep. Claims	2	- 3 =	0	x \$86.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
OTHER FEE (specify purpose) _____					\$0.00
BASIC FEE					\$770.00
TOTAL FILING FEE					\$770.00

- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☐ The Director is hereby authorized to charge and credit Deposit Account No. _____ as described below.
- ☐ Charge the amount of _____ as filing fee.
- ☐ Credit any overpayment.
- ☐ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).
- ☒ Form PTO-2038 enclosed

Dated: _____



34799

PATENT TRADEMARK OFFICE

CC: _____

SignatureThomas R. FitzGerald, Esq.
Reg. No. 26,730
16 E. Main Street, Suite 210
Rochester, New York 14614-1803
Telephone: (585) 454-2250
Fax: (585) 454-6364

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Ig Saeng Kim, et al.

Docket No.

20010.000500 (WA-395/US)

Serial No.

TBA

Filing Date

Filed Herewith

Examiner

TBA

Group Art Unit

TBA

Invention: **ABSORPTIVE HIGH TEMPERATURE DESORBER HAVING MECHANICALLY NARROW WIDTH OF COMBUSTION AREA AND ABSORPTION CHILLER-HEATER USING THE SAME**

I hereby certify that the following correspondence:


Utility Patent Application Transmittal Letter with Form PTO-2038/Authorization to Charge Credit Card \$810.00
(Basic Filing Fee of \$770 and the Assignment Recordation Fee of \$40 (total 5 pages))

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

October 8, 2003
(Date)

Penny P. Clements

(Typed or Printed Name of Person Mailing Correspondence)
(Signature of Person Mailing Correspondence)

EU 909150885 US

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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Ig Saeng Kim, et al.**

Docket No.

20010.000500 (WA-395/US)Serial^oNo.**TBA**Filing Date
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TBAInvention: **ABSORPTIVE HIGH TEMPERATURE DESORBER HAVING MECHANICALLY NARROW WIDTH OF COMBUSTION AREA AND ABSORPTION CHILLER-HEATER USING THE SAME**

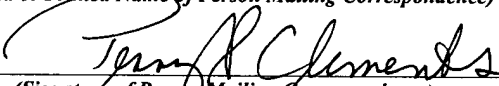
I hereby certify that the following correspondence:

Recordation Form Cover Sheet with Signed Assignment (total 5 pages)*(Identify type of correspondence)*

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October 8, 2003
(Date)

Penny P. Clements*(Typed or Printed Name of Person Mailing Correspondence)*
*(Signature of Person Mailing Correspondence)***EU 909150885 US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): Ig Saeng Kim, et al.			Docket No. 20010.000500 (WA-395/US)	
Serial No. TBA	Filing Date Filed Herewith	Examiner TBA	Group Art Unit TBA	
Invention: ABSORPTIVE HIGH TEMPERATURE DESORBER HAVING MECHANICALLY NARROW WIDTH OF COMBUSTION AREA AND ABSORPTION CHILLER-HEATER USING THE SAME				
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; min-height: 50px;"><p>Preliminary Amendment (2 pages)</p></div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <p style="text-align: center;"><u>October 8, 2003</u> <i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"><p>Penny P. Clements <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p> <i>(Signature of Person Mailing Correspondence)</i></p><p>EU 909150885 US <i>("Express Mail" Mailing Label Number)</i></p></div>				
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Applicant(s): Ig Saeng Kim, et al.

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I hereby certify that the following correspondence:

Specification (total 23 pages)

(Identify type of correspondence)

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I hereby certify that the following correspondence:

Seven (7) Sheets Formal Drawings (identified)

(Identify type of correspondence)

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